Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 00:00 on Thursday 03 Aug 2023 until 23:59 on Friday 04 Aug 2023

Forecast Issued on Wednesday 02 Aug 2023 at 16:36

Confidence: High for unsettled conditions continuing into the weekend. Lower confidence in rain and cloud details, especially on Friday and into the weekend.

Headline for Thursday 03 Aug 2023: Dry with sunny spells through the early morning, giving way to increasing cloud and showers through the day, heavy and thundery at times.

Mountain weather hazards on Thursday 03 Aug 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Medium Likelihood
Thunderstorms Medium Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** Low Likelihood

Weather and chance of precipitation at 600m

Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Partly cloudy (night)	Cloudy	Cloudy	Cloudy	Light rain showers	Thundery showers	Heavy rain showers	Light rain showers (night)
Precipitation probability							
10%	10%	10%	20%	40%	60%	60%	40%

Forecast for Thursday 03 Aug 2023

Weather: Patchy cloud overnight mostly clearing to the southeast to give some sunny spells early on through the morning, although some higher peaks may see cloud lingering. Cloud increases from mid-morning, with any remaining low cloud lifting clear of summits. Showers break out from around midday onwards although the odd sunny spell still possible at times. Showers heavy, and at times thundery through the afternoon, with the greatest risk towards the east of the park. Showers most likely persist into the evening.

Chance of cloud-free hill tops above 600m: 30% early on, becoming 90% through the morning. Dropping to 70% later in the afternoon in heavy showers.

Low Cloud and visibility: Patchy cloud through the overnight period will shroud some higher peaks, but this mostly clearing to give sunny skies for a time during the early morning. Cloud across the highest peaks may linger through the morning, with bases around 600m likely. Cloud amounts then increasing by mid-morning onwards, and lifting clear of summits where it has lingered, and only lowering temporarily in heavier showers through the afternoon. Visibility generally very good away from highest peaks early on, falling to poor in showers later.

Check our weather forecast every day to get the most accurate and up to date information
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Forecast for Thursday 03 Aug 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	14/21 N	11/18 NW	12/17 NW	11/16 NW	12/18 NW	11/17 NW	11/17 NW	10/17 NW	8/12 NW
300	9/20 N	8/18 NW	7/16 NW	8/16 NW	9/17 NW	9/17 NW	9/18 NW	7/15 NW	6/12 NW
Valley	6/17 N	5/17 NW	1/8 NW	6/13 NW	7/15 NW	9/17 NW	8/17 NW	4/12 NW	5/12 NW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	10/7	8/5	9/6	11/8	13/11	14/12	13/11	11/9	10/8
300	11/10	10/8	11/9	14/13	16/15	17/16	15/14	13/12	12/11
Valley	12/12	11/10	11/11	16/15	18/17	18/17	17/16	14/14	13/13
Freezing Level*	2300m	2100m	2100m	2100m	2300m	2400m	2500m	2400m	2400m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Fine walking conditions likely through the morning. Showers later in the day likely to become heavy at times, with hail, lightning and blustery winds a risk, making walking conditions much more difficult.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Wed 02 Aug 2023	15.6mm	29.8mm	47mm

Forecast for Friday 04 Aug 2023

Weather: Low cloud and patchy rain at first on Friday, with cloud gradually lifting though the morning. The patchy rain will turn more showery through the day, with some heavier bursts possible at times during the afternoon. Showers possibly persisting into the evening, but becoming lighter in nature.

Maximum wind: Northwesterly 5-10 mph.

Chance of cloud-free hill tops above 600m: 30% early on, rising to 90% by early afternoon in the west. Possibly staying at 30% in the east throughout the day.

Low Cloud and visibility: Extensive low cloud through the early morning, with bases around 500m seeing higher slopes in fog. Cloud mostly lifting by the early afternoon, although it may persist across eastern parts through much of the day. Western areas likely to some sunny spells through the afternoon and evening. Visibility generally very poor at first, improving to very good through the day, but likely dropping briefly at times in heavier showers.

Temperature: **Valleys:** Plus 12 Celsius, rising to Plus 16 Celsius.
At 600m: Plus 9 Celsius, rising to Plus 12 Celsius.
Freezing level: Above summits.

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